

ABSTRACT

A construction target indicator device 30 presents information to the operator of a construction machine 1 in order to facilitate the operation thereof. In the construction target indicator device 30, a laser distance measurement device 20 disposed in the operator's cabin of the construction machine 1 automatically measures the real-time positions of a construction surface 15, reference markers 17 and a bucket 6. A calculation device 32 calculates the cross-sectional shapes of the construction surface 15 and the bucket 6, calculates a virtual line corresponding to a target sloped surface, and creates an image which depicts the cross-sectional shapes of a construction surface 15 and a bucket 6, and a virtual line. The display device 34 displays this image on the display screen. The operator is able to perform accurate excavation work by moving the bucket 6 in line with the virtual line on the display image.